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Distr.
GENERAL

ST/SG/AC.10/C.3/1998/4
4 November 1997

Original: ENGLISH

COMMITTEE OF EXPERTS ON THE
TRANSPORT OF DANGEROUS GOODS

Sub-Committee of Experts on the
Transport of Dangerous Goods
(Fifteenth session,
Geneva, 29 June-10 July 1998)

DRAFT AMENDMENTS TO THE MODEL REGULATIONS ON THE TRANSPORT OF DANGEROUS GOODS

Placarding of mixed loads of dangerous goods

Transmitted by the Expert from Australia

PROPOSAL

1 This proposal is to include in the United Nations Model Regulations a requirement for placarding of transport units that contain different classes of dangerous goods.

DISCUSSIONS

2 When dangerous goods are transported by land, it is common that a variety of dangerous goods are transported in a single transport unit (TU). The placarding requirements for such loads may be achieved in two ways:

(1) Placard the TU with dangerous goods diamonds which clearly indicate each type of dangerous goods on board; or

(2) Use a generic mixed class diamond to warn emergency services and other road users of a potential hazard involving dangerous goods.

3. This paper does not address the threshold quantity below which placarding is not required. This matter should be addressed, like all the other placarding requirements in Chapter 5.3, by National Regulations.

RECOMMENDATION

4. It is recommended that a new section 5.3.1.1.5 be inserted as follows:

"5.3.1.1.5 transport units carrying dangerous goods of more than one class or hazard division shall be placarded with either or both of the following:

i) mixed class labels; or
ii) class labels for each class of dangerous goods in the container and any subsidiary risk label that is applicable to the dangerous goods in the container except where the risk is already indicated by a class label."

5. It is further recommended that a new label be incorporated into Section 5.2.2.2.2.1 Specimen Primary Risk Labels, after class 9 as follows:

Mixed Class Label

Orange and
black stripes

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DRAFT AMENDMENTS TO THE MODEL REGULATIONS ON THE TRANSPORT OF DANGEROUS GOODS

Alternative subsidiary risk label
Chapter 5.2 Marking and Labelling

Transmitted by the Expert from Australia

PROPOSAL

1. This proposal is to enable the use of an alternative subsidiary risk label.

DISCUSSION

2. The UN Model Regulations currently require subsidiary risk labels to conform to models 01 to 08 as illustrated in Clause 5.2.2.2.2.2 (reference Clause 5.2.2.1.1 of the Model Regulations).

3. This requirement is quite specific and makes it necessary for industry to carry two sets of labels for vehicles, packages, portable tanks, etc:

(1) A set of labels which display numerals; and
(2) A set of similar labels which do not display numerals.

4. Associated with these labels are separate print runs for the different labels and numerous other minor irritating requirements which are imposed on industry.

5. The Sub-Committee is invited to consider an alternative, allowing industry to use primary risk labels from which the numeral has been removed as shown below.

6. The benefits, in addition to removing unnecessary burdens on industry, are that it is much clearer that the labels shown below refers to subsidiary risk; it is quite clear that this label is different from that which indicates primary risk.

RECOMMENDATION

7. It is recommended that new text be added to the second sentence of Clause 5.2.2.1.1 and a new model label be added to Clause 5.2.2.2.2.2 as shown below.

"5.2.2.1.1 ... labels identifying subsidiary risk shall display only the appropriate symbol and shall conform to models numbers 01 to 08 **or model 09** illustrated in 5.2.2.2.2.2"

5.2.2.2.2.2 *Specimen subsidiary risk labels*

A Class Label may be used as a Subsidiary Risk label where the numeral is removed as shown below	Below is the resultant Subsidiary Risk label after the numeral is removed from the Class label

(No. 09)